

Interwest Mining Company

Deer Creek Mine

UPDES Permit UT0023604

Salinity (TDS) Offset Cost Calculation Sheet

See Sheet 2 for Constants, Variables, Assumptions

See Sheet 3 for TDS Loading Calculation

Calendar Year 2015

2015	
Mine Discharge Rate	1,100 g/d
Average TDS Concentration	550 mg/l
Calculated daily TDS load	3.64 tons
Minus 1 ton per day allowed	-1 ton
Needed Credit per day	2.64 tons
Needed Credit per year	962.00 tons

Total Credits for 1-Year Plan:	Credits:
2015	962.00

One Year Total Credits Required:	962.00
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Total Cost For Credits	\$47,724.82
(Assume \$49.61 per ton)	

Energy West Mining Company Deer Creek Mine TDS Credits Month - Year:	Average Daily TDS Load (Tons)	TDS Credits Used (Curr. Month)	TDS Credits Used (Cumulative)	Available TDS Credits:	Percentage of Fund Remaining	
January-15	5.275	163.5	163.5	962.0	100.0%	
February-15	0.023	0.6	164.2	798.5	83.0%	
March-15	1.029	31.9	196.1	797.8	82.9%	
April-15	0.059	1.8	197.9	765.9	79.6%	
May-15	-0.788	0.0	197.9	764.1	79.4%	
June-15	-0.577	0.0	197.9	764.1	79.4%	
July-15	-0.442	0.0	197.9	764.1	79.4%	
August-15	-0.804	0.0	197.9	764.1	79.4%	
September-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
October-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
November-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
December-15	-1.000	0.0	197.9	764.1	79.4%	No Discharge
January-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
February-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
March-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
April-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
May-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
June-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
July-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
August-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
September-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
October-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
November-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge
December-16	-1.000	0.0	197.9	764.1	79.4%	No Discharge

Salinity (TDS) is measured at the new compliance point (SUM-A) below the confluence of DCD-001 and DCD-002.
(BASIS FOR EFFLUENT LIMITATIONS, 5. a. i. & ii, UPDES Permit UT0023604, Energy West Deer Creek Mine)

"Salt" Loading Calculations

Constants:

1 day = 1440 minutes
1 gallon = 3.78541 liters
1 pound = 453592 milligrams

Assumptions:

Discharge TDS	550 mg/l	Total Dissolved Solids
Discharge Vol	1100 gpm	from now until shutdown
Discharge Vol	350 gpm	after shutdown
Cost per Credit	49.61	Cost Calculated by DWQ

At 1100 gpm, salt load per day will be:

Discharge per day = 1,584,000 gallons per day
5,996,089.4 liters per day
3,297,849,192 milligrams of salt per day
7,270.5 pounds of salt per day
3.64 tons of salt per day

At 350 gpm, salt load per day will be:

Discharge per day = 504,000 gallons per day
1,907,846.6 liters per day
1,049,315,652 milligrams of salt per day
2,313.3 pounds of salt per day
1.16 tons of salt per day

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: January
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	685	0.006	1524.5	6.27	12,549.26	31	194.51
SAMPLE AVERAGE	685	0.006	1524.5	6.27	12,549.26	31	194.51
SAMPLE MAXIMUM	685	0.006	1533.0	6.31	12,618.90		
SAMPLE MINIMUM	685	0.006	1143.0	4.70	9,408.61		
TOTAL GALLONS DISCHARGE FOR			January		68,055,466		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 685 mg/l
SAMPLE AVERAGE FLOW = 1524.54 GPM
DURATION OF DISCHARGE = 31 Days
AVERAGE FLOW 1524.5 GPM 2,195,338 GPD
MAXIMUM FLOW 1533 GPM 2,207,520 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: February
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	579	0.005	294.0	1.02	2,045.57	28	28.64
SAMPLE AVERAGE	579	0.005	294.0	1.02	2,045.57	28	28.64
SAMPLE MAXIMUM	579	0.005	1455.0	5.06	10,123.49		
SAMPLE MINIMUM	579	0.005	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			February		11,854,080		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 28 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 579 mg/l
SAMPLE AVERAGE FLOW = 294 GPM
DURATION OF DISCHARGE = 28 Days
AVERAGE FLOW 294.0 GPM 423,360 GPD
MAXIMUM FLOW 1455 GPM 2,095,200 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: March
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	457	0.004	739.1	2.03	4,058.90	31	62.91
SAMPLE AVERAGE	457	0.004	739.1	2.03	4,058.90	31	62.91
SAMPLE MAXIMUM	457	0.004	870.0	2.39	4,777.76		
SAMPLE MINIMUM	457	0.004	536.0	1.47	2,943.54		
TOTAL GALLONS DISCHARGE FOR			March		32,993,424		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 457 mg/l
SAMPLE AVERAGE FLOW = 739.1 GPM
DURATION OF DISCHARGE = 31 Days
AVERAGE FLOW 739.1 GPM 1,064,304 GPD
MAXIMUM FLOW 870 GPM 1,252,800 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: April
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	457	0.004	385.8	1.06	2,118.69	30	31.78
SAMPLE AVERAGE	457	0.004	385.8	1.06	2,118.69	30	31.78
SAMPLE MAXIMUM	457	0.004	888.0	2.44	4,876.61		
SAMPLE MINIMUM	457	0.004	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			April		16,666,560		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 457 mg/l
SAMPLE AVERAGE FLOW = 385.8 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 385.8 GPM 555,552 GPD
MAXIMUM FLOW 888 GPM 1,278,720 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: May
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	1292	0.011	27.3	0.21	423.23	31	6.56
SAMPLE AVERAGE	1292	0.011	27.3	0.21	423.23	31	6.56
SAMPLE MAXIMUM	1292	0.011	27.3	0.21	423.23		
SAMPLE MINIMUM	1292	0.011	27.3	0.21	423.23		
TOTAL GALLONS DISCHARGE FOR			May		1,216,886		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 1292 mg/l
SAMPLE AVERAGE FLOW = 27.26 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 27.3 GPM 39,254 GPD
MAXIMUM FLOW 27.26 GPM 39,254 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: June
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	485	0.004	145.0	0.42	845.08	30	12.68
SAMPLE AVERAGE	485	0.004	145.0	0.42	845.08	30	12.68
SAMPLE MAXIMUM	485	0.004	145.0	0.42	845.08		
SAMPLE MINIMUM	485	0.004	145.0	0.42	845.08		
TOTAL GALLONS DISCHARGE FOR			June		6,264,000		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 485 mg/l
SAMPLE AVERAGE FLOW = 145 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 145.0 GPM 208,800 GPD
MAXIMUM FLOW 145 GPM 208,800 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: July
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	580	0.005	160.0	0.56	1,115.16	31	17.28
SAMPLE AVERAGE	580	0.005	160.0	0.56	1,115.16	31	17.28
SAMPLE MAXIMUM	580	0.005	160.0	0.56	1,115.16		
SAMPLE MINIMUM	580	0.005	160.0	0.56	1,115.16		
TOTAL GALLONS DISCHARGE FOR			July		7,142,400		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 580 mg/l
SAMPLE AVERAGE FLOW = 160 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 160.0 GPM 230,400 GPD
MAXIMUM FLOW 160 GPM 230,400 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: August
YEAR: 2015

POUNDS OF SALT DISCHARGE

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	845	0.007	38.7	0.20	392.46	31	6.08
SAMPLE AVERAGE	845	0.007	38.7	0.20	392.46	31	6.08
SAMPLE MAXIMUM	845	0.007	38.7	0.20	392.46		
SAMPLE MINIMUM	845	0.007	38.7	0.20	392.46		
TOTAL GALLONS DISCHARGE FOR			August		1,725,336		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 845 mg/l
SAMPLE AVERAGE FLOW = 38.65 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 38.7 GPM 55,656 GPD
MAXIMUM FLOW 38.65 GPM 55,656 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: September
YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for September

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			September		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: October
YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for October

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			October		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 31 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: November
YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for November

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			November		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: December
YEAR: 2015

POUNDS OF SALT DISCHARGE

No Discharge for December

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			December		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 31 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: January
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for January

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			January		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS

SAMPLE AVERAGE TDS =1 SAMPLE

Mean = 0 mg/l

SAMPLE AVERAGE FLOW =

0 GPM

DURATION OF DISCHARGE =

31 Days

AVERAGE FLOW

0.0 GPM

0 GPD

MAXIMUM FLOW

0 GPM

0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: February
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for February

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	29	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	29	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			February		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 29 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 29 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: March
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for March

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			March		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 31 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: April
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for April

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			April		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 DAYS

SAMPLE AVERAGE TDS =1 SAMPLE

Mean = 0 mg/l

SAMPLE AVERAGE FLOW =

0 GPM

DURATION OF DISCHARGE =

30 Days

AVERAGE FLOW

0.0 GPM

0 GPD

MAXIMUM FLOW

0 GPM

0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: May
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for May

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			May		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS

SAMPLE AVERAGE TDS =1 SAMPLE

Mean = 0 mg/l

SAMPLE AVERAGE FLOW =

0 GPM

DURATION OF DISCHARGE =

31 Days

AVERAGE FLOW

0.0 GPM

0 GPD

MAXIMUM FLOW

0 GPM

0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: June
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for June

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			June		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 DAYS

SAMPLE AVERAGE TDS =1 SAMPLE

Mean = 0 mg/l

SAMPLE AVERAGE FLOW =

0 GPM

DURATION OF DISCHARGE =

30 Days

AVERAGE FLOW

0.0 GPM

0 GPD

MAXIMUM FLOW

0 GPM

0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: July
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for July

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			July		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS

SAMPLE AVERAGE TDS =1 SAMPLE

Mean = 0 mg/l

SAMPLE AVERAGE FLOW =

0 GPM

DURATION OF DISCHARGE =

31 Days

AVERAGE FLOW

0.0 GPM

0 GPD

MAXIMUM FLOW

0 GPM

0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: August
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for August

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			August		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 31 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: September
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for September

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			September		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS

SAMPLE AVERAGE TDS =1 SAMPLE

Mean = 0 mg/l

SAMPLE AVERAGE FLOW =

0 GPM

DURATION OF DISCHARGE =

30 Days

AVERAGE FLOW

0.0 GPM

0 GPD

MAXIMUM FLOW

0 GPM

0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: October
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for October

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			October		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS

SAMPLE AVERAGE TDS =1 SAMPLE

Mean = 0 mg/l

SAMPLE AVERAGE FLOW =

0 GPM

DURATION OF DISCHARGE =

31 Days

AVERAGE FLOW

0.0 GPM

0 GPD

MAXIMUM FLOW

0 GPM

0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: November
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for November

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	30	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			November		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 30 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 30 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD

DEER CREEK MINE SEDIMENT POND DISCHARGE - DC Combined Discharge (SUM-A)

MONTH: December
YEAR: 2016

POUNDS OF SALT DISCHARGE

No Discharge for December

	INPUT TDS LEVEL	LBS./ GALLON	INPUT DISCHARGE RATE (GPM)	TONS OF SALT/DAY	POUNDS PER/DAY	INPUT # OF DAYS	TOTAL TONS OF SALT DISCHARGE/MONTH
MONTHLY AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE AVERAGE	0	0.000	0.0	0.00	0.00	31	0.00
SAMPLE MAXIMUM	0	0.000	0.0	0.00	0.00		
SAMPLE MINIMUM	0	0.000	0.0	0.00	0.00		
TOTAL GALLONS DISCHARGE FOR			December		0		

DMR REPORTING: MAX. = Sampled TDS(1 sample) with sampled flow rate.
AVG. = Sampled TDS(1 sample) with sampled flow rate.

DAYS OF DISCHARGE: 31 DAYS
SAMPLE AVERAGE TDS =1 SAMPLE Mean = 0 mg/l
SAMPLE AVERAGE FLOW = 0 GPM
DURATION OF DISCHARGE = 31 Days
AVERAGE FLOW 0.0 GPM 0 GPD
MAXIMUM FLOW 0 GPM 0 GPD